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PTO/SB/30 (09-03)  
Approved for use through 07/31/2006. OMB-0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**Request  
for  
Continued Examination (RCE)  
Transmittal**

Address to:  
Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Application Number	09/652,550
Filing Date	August 31, 2000
First Named Inventor	Keiji Jono
Art Unit	2811
Examiner Name	Quang D. Vu
Attorney Docket Number	KM1-001

**This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.**  
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

1. **Submission required under 37 CFR 1.114** Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).
- a. ☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.
- i. ☐ Consider the arguments in the Appeal Brief or Rely Brief previously filed on \_\_\_\_\_
- ii. ☐ Other \_\_\_\_\_
- b. ☒ Enclosed
- i. ☒ Amendment/Reply
- ii. ☐ Affidavit(s)/ Declaration(s)
- iii. ☒ Information Disclosure Statement (IDS) & PTO-1449
- iv. ☒ Other Return Receipt Postcard, Check for \$770,  
Copy of 03/10/03 & 02/02/04 Supplemental  
IDSs, Cited References
2. **Miscellaneous**
- a. ☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of \_\_\_\_\_ months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)
- b. ☐ Other \_\_\_\_\_
3. **Fees**
- The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.
- The Director is hereby authorized to charge the following fees, or credit any overpayments, to
- a. ☒ Deposit Account No. 23-0925
- i. ☐ RCE fee required under 37 CFR 1.17(e)
- ii. ☐ Extension of time fee (37 CFR 1.136 and 1.17)
- iii. ☒ Other DEFICIENCY ONLY!
- b. ☒ Check in the amount of \$ 770.00 enclosed
- c. ☐ Payment by credit card (Form PTO-2038 enclosed)
- WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED**

Name (Print/Type)	Mark S. Matkin	Registration No. (Attorney/Agent)	32,268
Signature		Date	6-30-04

**CERTIFICATE OF MAILING OR TRANSMISSION**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

Name (Print/Type)	Mailed via Express Mail No. EV 372458831 US
Signature	Date

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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EV 372458831



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No. ....09/652,550  
Filing Date .....August 31, 2000  
Inventor.....Keiji Jono et al.  
Assignee .....Micron Technology, Inc.  
Group Art Unit ..... 2811  
Examiner ..... Quang D. Vu  
Attorney's Docket No. .... KM1-001  
Title .....Methods of Forming an Isolation Trench in a Semiconductor,  
Methods of Forming an Isolation Trench in a Surface of a Silicon Wafer,  
Methods of Forming an Isolation Trench-Isolated Transistor, Trench-Isolated  
Transistor, Trench Isolation Structures Formed in a Semiconductor, Memory  
Cells and DRAMS

**RESPONSE TO MAY 18, 2004 FINAL OFFICE ACTION ACCOMPANYING A  
REQUEST FOR CONTINUED EXAMINATION (RCE)**

To: Mail Stop RCE  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**VIA U.S. EXPRESS MAIL**

From: Mark S. Matkin (Tel. 509-624-4276; Fax 509-838-3424)  
Wells St. John P.S.  
601 West First Avenue, Suite 1300  
Spokane, WA 99201-3828

Responsive to the Final Office Action dated May 18, 2004, Applicant  
amends and remarks as follows:

**AMENDMENTS**